EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	14501	711/1-6,111-114,202-203,209. ccls.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:01
L7	49534	709/200,201-203,208-211,213-216,223-226,229,245-246,248-249.ccls.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:01
L8	602	710/2.ccls.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:01
L9	63929	L6 or L7 or L8	US-PGPUB; USPAT	OR	ON	2010/02/15 11:01
L10	1301071	@rlad<="20021028"	US-PGPUB; USPAT	OR	ON	2010/02/15 11:03
L11	13618	9 and 10	US-PGPUB; USPAT	OR	ON	2010/02/15 11:04
L12	250	(add or adding or addition or expand$4 or increas$4) near4 controller near3 (virtual or logical)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:05
L13	7	12 and 11	US-PGPUB; USPAT	OR	ON	2010/02/15 11:05

L14	43	12 and 10	US-PGPUB; USPAT	OR	ON	2010/02/15 11:05
L15	14	(storage near2 network or san) and 14	US-PGPUB; USPAT	OR	ON	2010/02/15 11:08
L16	527	(add or adding or addition or expand$4 or increas$4) with controller near3 (virtual or logical)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:08
L17	93	16 and 10	US-PGPUB; USPAT	OR	ON	2010/02/15 11:08
L18	24	(storage near2 network or san) and 17	US-PGPUB; USPAT	OR	ON	2010/02/15 11:08
L19	34342	(increas$4 or add$4 or renumber$4 or expand$4 or expansion or remov$4 or delet $4 or renumber$4 or contract$4 or reduc$4) with (number or amount or sequence) near4 (port or socket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/15 11:13
L20	6442	19 and 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/15 11:14
L21	1998	(storage near2 network or san) and 20	US-PGPUB; USPAT	OR	ON	2010/02/15 11:14

L22	1301071	@rlad<="20021028"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/15 11:15
L23	660150	(storage near2 network or san)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/15 11:15
L24	6442	22 and 19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/15 11:15
L25	133	24 and (storage near2 controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/15 11:15
L26	12	24 and (storage near2 controller) near4 (virtual or logical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/15 11:16

| L27 | 62 | ("20010054093" \| "20020007458" \| "20020019958" \| "20020026558" \| "20020069320" \| "20020073257" \| "20020083187" \| "20020099797" \| "20020112113" \| "20020188711" \| "20030037127" \| "20030236945" \| "20050027754" \| "4916608" \| "5325505" \| "5455834" \| "5668968" \| "5704032" \| "5787494" \| "5897661" \| "5920700" \| "5996086" \| "6067608" \| "6104871" \| "6145028" \| "6185695" \| "6202157" \| "6208543" \| "6247077" \| "6289376" \| "6295575" \| "6421711" \| "6442666" \| "6453404" \| "6571354" \| "6598174" \| "6609213" \| "6625747" \| "6629264" \| "6636239" \| "6640278" \| "6658590" \| "6691244" \| "6769071" \| "6772365" \| "6775230" \| "6801992" \| "6834326" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/15 11:19 |

		"6898670" | "6920494" | "6971016" | "6977927").PN. OR ("7203730").URPN.				
L28	252	(insert$4 or add$4 or extend$4 or expand$4) near8 (logic$4 or virtual) near4 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L29	5515	(extend$4 or expand$4) near8 (port or socket) near4 (number or slot or sequence)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L30	78	(nodename or node adj1 name) near3 (logical or virtual)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L31	12	L28 and L29	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L32	1	L28 and L29 and L30	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L33	4266	(nodename or node adj1 name)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L34	1	L33 and L31	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L35	6834	(extend$4 or expand$4 or expansion) near8 (port or socket) near4 (number or slot or sequence)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L36	1750	(add$4 or extend$4 or expand $4 or expansion) near8 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26

L37	29	L35 and L36	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L38	1	L37 and L30	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L39	1	L37 and L33	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L40	127	("4207609" | "4577272" | "4959856" | "4961224" | "5146605" | "5206939" | "5321813" | "5321816" | "5335352" | "5381539" | "5434850" | "5440716" | "5461611" | "5487155" | "5517494" | "5526414" | "5528755" | "5544313" | "5544327" | "5544347" | "5553160" | "5557611" | "5568629" | "5579475" | "5583995" | "5619497" | "5630067" | "5634111" | "5646676" | "5657468" | "5680580" | "5689678" | "5727151" | "5734830" | "5740422" | "5742792" | "5748905" | "5768623" | "5774660" | "5778426" | "5787459" | "5790176" | "5793385" | "5796966" | "5802301" | "5825772" |	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/15 11:26

"5860137" | "5862403" |
"5884103" | "5892915" |
"5892924" | "5893140" |
"5893919" | "5901327" |
"5907837" | "5914939" |
"5920893" | "5930827" |
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"5948062" | "5951694" |
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"6111894" | "6119121" |
"6141689" | "6145028" |
"6160813" | "6161104" |
"6167446" | "6173306" |
"6185188" | "6185601" |
"6192408" | "6209023" |
"6260120" | "6263445" |
"6278705" | "6295575" |
"6421711").PN. OR
("6988130").URPN.

| L41 | 1686 | (add$4 near6 storage near2 controller) | US-PGPUB; USPAT | OR | ON | 2010/02/15 11:26 |
| L42 | 1706 | (add$4 or join$4) near6 storage near2 controller | US-PGPUB; USPAT | OR | ON | 2010/02/15 11:26 |

L43	0	(add$4 or join$4) near6 storage near2 controller near6 (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L44	0	(remov$4 or delet$4) near6 storage near2 controller near6 (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L45	11	(remov$4 or delet$4) near8 storage near2 controller same (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L46	26	(add$4 or join$4 or expand$4 or expansion or extend$4) near8 storage near2 controller same (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L47	36	L45 or L46	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L48	9	(add or adding or added or join $4 or expand$4 or expansion or extend$4) near8 storage near2 controller same (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26

L49	4	(add or adding or added or expand$4 or expansion or extend$4) near8 (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L50	0	(expand$4 or expansion or extend$4) near8 (virtual or logical) adj2 (storage near2 controller).ab.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L51	1	(expand$4 or expansion or extend$4) same (virtual or logical) adj2 (storage near2 controller).ab.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L52	1	(expand$4 or expansion or extend$4) with (virtual or logical) adj2 (storage near2 controller).ab.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L53	7	(expand$4 or expansion or extend$4) with (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L54	9	(expand$4 or expansion or extend$4) same (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26

L55	1431	(expand$4 or expansion or extend$4) same (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L56	32	(expand$4 or expansion or extend$4) with (storage near2 controller).ab.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L57	4	L56 and wwn	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L58	1236	(expand$4 or expansion or extend$4 increas$4) with (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L59	1301071	@rlad<="20021028"	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L60	235	L58 and L59	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L61	129949	(increas$4 or add$4 or expan$7) near8 (port or socket)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L62	62	L60 and L61	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L63	6042	wwn or nodename or node adj1 name	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L64	3	L62 and L63	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L65	38	L62 and "61" same L61	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26

L66	38	L65 and L59	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L67	89	L58 same L61	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L68	8	L67 and L59	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L69	54	L62 not L68	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L70	87435	(increas$4 or add or adding or added or expan$7) near8 (port or socket)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L71	64315	(increas$4 or expan$7) near8 (port or socket)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L72	258604	(add or adding or added or expan$7) near8 (node or disk or server or storage or memory)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L73	165926	(memory or storage) near2 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L74	630	L73 same L71	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L75	6073	L73 same L72	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L76	446	L74 and L75	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26

L77	93	L76 and L59	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L78	3406	L72 same L71	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L79	84	L78 and L77	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L80	10159	(virtual or logical) near3 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L81	4	L79 and L80	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L82	66	(virtual or logical) adj3 controller near25 (extend$4 or expand$4 or expansion or increas$4 or add or adding or added or remov$4 or delet$4) near4 (port or vlun or lun or disk or memory or storage)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L83	10	L82 and L59	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L84	1	"6839788".pn.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L85	107555	(expand$4 or expansion or extend$4 or increas$4) near5 port	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L86	133037	(storage or memory) adj2 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26

L87	504	L86 same L85	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L88	235	L60	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L89	96	L87 and L59	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L90	525	(virtual or logical) near2 (storage or memory) adj2 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L91	1	L90 and L89	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L92	5	L87.ab. and L59	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L93	5	10/695887	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L94	803	(connect$4 or attach$4) near4 (two or three or four or multiple or many or multitude or plural$4) near4 (storage or memory) adj2 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L95	74	L94 and L85	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L96	107555	L94 same 33and L85	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L97	0	L94 same L90 and L85	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26

L98	17	L95 and L59	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L99	14501	711/1-6,111-114,202-203,209. ccls.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L100	49534	709/200,201-203,208-211,213-216,223-226,229,245-246,248-249.ccls.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L101	602	710/2.ccls.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L102	63929	L6 or L7 or L8	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L103	9926	L9 and (expand$4 or connect$4 or extend$4 or increas$4 or expansion) near6 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L104	3331	vlun or virtual near2 (lun or controller)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L105	340	L104 and L103	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L106	6042	wwn or nodename or node adj1 name	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L107	59	L105 and L106	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L108	8533	(port or socket) near2 (expand $4 or connect$4 or extend$4 or increas$4 or expansion) near6 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26

L109	309258	(port or socket) near2 (expand $4 or connect$4 or extend$4 or increas$4 or expansion)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L110	47	L107 and L109	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L111	1301071	@rlad<="20021028"	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L112	20	L110 and L111	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L113	300585	(combin$4 or expand$4 or connect$4 or extend$4 or increas$4 or expansion) near6 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L114	11925	L113 same L109	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L115	296	L114 and L106	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L116	51	L115 and L111	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L117	29	L116 and L9	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L118	6042	wwn or nodename or node adj1 name	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L119	309258	(port or socket) near2 (expand $4 or connect$4 or extend$4 or increas$4 or expansion)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26

L120	1301071	@rlad<="20021028"	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L121	300585	(combin$4 or expand$4 or connect$4 or extend$4 or increas$4 or expansion) near6 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L122	11925	L121 same L119	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L123	296	L122 and L118	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L124	51	L123 and L120	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L125	1	"6651154".pn.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L126	4444	(extend$4 or expand$4 or increas$4) near4 (number or sequence) near4 port	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L127	153381	(disk or storage or raid or memory) adj2 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L128	467	L127 and L126	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L129	331	(creat$4 or generat$4) near4 (logical or virtual) adj3 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26

L130	339	(expand$4 or creat$4 or generat $4) near4 (logical or virtual) adj3 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L131	1	L130 and L128	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L132	47	L127 same L126	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L133	1	L132 and L120	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L134	88	L128 and L120	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L135	60	(L127.ab. and L126) or (L126. ab. and L127)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L136	6	L135 and L120	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L137	12	L135 and (node adj1 name or nodename or wwn or wwnn)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L138	494	creat$4 near4 (virtual or logical) near4 controller	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L139	36	creat$4 near4 (virtual or logical) near4 controller.ab.	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L140	1301071	@rlad<="20021028"	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L141	2	L140 and L139	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26

L142	83	L140 and L138	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
L143	7	L142 and (updat$4 or renumber $4 or sequenc$4 or resequenc $4) near3 (port or socket)	US-PGPUB; USPAT	OR	ON	2010/02/15 11:26
S1	239	(insert$4 or add$4 or extend$4 or expand$4) near8 (logic$4 or virtual) near4 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/22 16:32
S2	5409	(extend$4 or expand$4) near8 (port or socket) near4 (number or slot or sequence)	US-PGPUB; USPAT	OR	ON	2009/09/22 16:33
S3	73	(nodename or node adj1 name) near3 (logical or virtual)	US-PGPUB; USPAT	OR	ON	2009/09/22 16:33
S4	12	S1 and S2	US-PGPUB; USPAT	OR	ON	2009/09/22 16:34
S5	1	S1 and S2 and S3	US-PGPUB; USPAT	OR	ON	2009/09/22 16:34
S6	4077	(nodename or node adj1 name)	US-PGPUB; USPAT	OR	ON	2009/09/22 16:34
S7	1	S6 and S4	US-PGPUB; USPAT	OR	ON	2009/09/22 16:35
S8	6676	(extend$4 or expand$4 or expansion) near8 (port or socket) near4 (number or slot or sequence)	US-PGPUB; USPAT	OR	ON	2009/09/22 16:35

S9	1664	(add$4 or extend$4 or expand $4 or expansion) near8 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/22 16:36
S10	29	S8 and S9	US-PGPUB; USPAT	OR	ON	2009/09/22 16:36
S11	1	S10 and S3	US-PGPUB; USPAT	OR	ON	2009/09/22 16:36
S12	1	S10 and S6	US-PGPUB; USPAT	OR	ON	2009/09/22 16:36
S13	121	("4207609"	"4577272"	"4959856"	"4961224"	"5146605"	"5206939"	"5321813"	"5321816"	"5335352"	"5381539"	"5434850"	"5440716"	"5461611"	"5487155"	"5517494"	"5526414"	"5528755"	"5544313"	"5544327"	"5544347"	"5553160"	"5557611"	"5568629"	"5579475"	"5583995"	"5619497"	"5630067"	"5634111"	"5646676"	"5657468"	"5680580"	"5689678"	"5727151"	"5734830"	"5740422"	"5742792"	"5748905"	"5768623"		US-PGPUB; USPAT; USOCR	OR	ON	2009/09/22 16:40

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"6160813" | "6161104" |
"6167446" | "6173306" |
"6185188" | "6185601" |
"6192408" | "6209023" |
"6260120" | "6263445" |
"6278705" | "6295575" |
"6421711").PN. OR
("6988130").URPN.

S14	1623	(add$4 near6 storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/22 16:56
S15	1642	(add$4 or join$4) near6 storage near2 controller	US-PGPUB; USPAT	OR	ON	2009/09/22 16:56
S16	0	(add$4 or join$4) near6 storage near2 controller near6 (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/22 16:56
S17	0	(remov$4 or delet$4) near6 storage near2 controller near6 (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/22 16:57
S18	10	(remov$4 or delet$4) near8 storage near2 controller same (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/22 16:57
S19	26	(add$4 or join$4 or expand$4 or expansion or extend$4) near8 storage near2 controller same (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/22 16:57
S20	35	S18 or S19	US-PGPUB; USPAT	OR	ON	2009/09/22 16:58

S21	9	(add or adding or added or join $4 or expand$4 or expansion or extend$4) near8 storage near2 controller same (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/22 17:18
S22	4	(add or adding or added or expand$4 or expansion or extend$4) near8 (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/22 17:19
S23	0	(expand$4 or expansion or extend$4) near8 (virtual or logical) adj2 (storage near2 controller).ab.	US-PGPUB; USPAT	OR	ON	2009/09/22 17:28
S24	1	(expand$4 or expansion or extend$4) same (virtual or logical) adj2 (storage near2 controller).ab.	US-PGPUB; USPAT	OR	ON	2009/09/22 17:28
S25	1	(expand$4 or expansion or extend$4) with (virtual or logical) adj2 (storage near2 controller).ab.	US-PGPUB; USPAT	OR	ON	2009/09/22 17:28
S26	7	(expand$4 or expansion or extend$4) with (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/22 17:28

S27	9	(expand$4 or expansion or extend$4) same (virtual or logical) adj2 (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/22 17:34
S28	1359	(expand$4 or expansion or extend$4) same (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/22 17:39
S29	27	(expand$4 or expansion or extend$4) with (storage near2 controller).ab.	US-PGPUB; USPAT	OR	ON	2009/09/22 17:39
S30	3	S29 and wwn	US-PGPUB; USPAT	OR	ON	2009/09/22 17:39
S31	1158	(expand$4 or expansion or extend$4 increas$4) with (storage near2 controller)	US-PGPUB; USPAT	OR	ON	2009/09/23 12:30
S32	1288668	@rlad<="20021028"	US-PGPUB; USPAT	OR	ON	2009/09/23 12:30
S33	233	S31 and S32	US-PGPUB; USPAT	OR	ON	2009/09/23 12:30
S34	125271	(increas$4 or add$4 or expan$7) near8 (port or socket)	US-PGPUB; USPAT	OR	ON	2009/09/23 12:31
S35	61	S33 and S34	US-PGPUB; USPAT	OR	ON	2009/09/23 12:32
S36	5733	wwn or nodename or node adj1 name	US-PGPUB; USPAT	OR	ON	2009/09/23 12:32

S37	3	S35 and S36	US-PGPUB; USPAT	OR	ON	2009/09/23 12:32
S38	38	S35 and "61" same S34	US-PGPUB; USPAT	OR	ON	2009/09/23 12:34
S39	38	S38 and S32	US-PGPUB; USPAT	OR	ON	2009/09/23 12:34
S40	83	S31 same S34	US-PGPUB; USPAT	OR	ON	2009/09/23 12:34
S41	7	S40 and S32	US-PGPUB; USPAT	OR	ON	2009/09/23 12:34
S42	54	S35 not S41	US-PGPUB; USPAT	OR	ON	2009/09/23 12:40
S43	84652	(increas$4 or add or adding or added or expan$7) near8 (port or socket)	US-PGPUB; USPAT	OR	ON	2009/09/23 12:46
S44	62343	(increas$4 or expan$7) near8 (port or socket)	US-PGPUB; USPAT	OR	ON	2009/09/23 12:47
S45	247719	(add or adding or added or expan$7) near8 (node or disk or server or storage or memory)	US-PGPUB; USPAT	OR	ON	2009/09/23 12:47
S46	157231	(memory or storage) near2 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 12:48
S47	593	S46 same S44	US-PGPUB; USPAT	OR	ON	2009/09/23 12:48

S48	5794	S46 same S45	US-PGPUB; USPAT	OR	ON	2009/09/23 12:48
S49	423	S47 and S48	US-PGPUB; USPAT	OR	ON	2009/09/23 12:48
S50	88	S49 and S32	US-PGPUB; USPAT	OR	ON	2009/09/23 12:48
S51	3233	S45 same S44	US-PGPUB; USPAT	OR	ON	2009/09/23 12:48
S52	81	S51 and S50	US-PGPUB; USPAT	OR	ON	2009/09/23 12:48
S53	9617	(virtual or logical) near3 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 12:50
S54	4	S52 and S53	US-PGPUB; USPAT	OR	ON	2009/09/23 12:50
S55	63	(virtual or logical) adj3 controller near25 (extend$4 or expand$4 or expansion or increas$4 or add or adding or added or remov$4 or delet$4) near4 (port or vlun or lun or disk or memory or storage)	US-PGPUB; USPAT	OR	ON	2009/09/23 13:15
S56	10	S55 and S32	US-PGPUB; USPAT	OR	ON	2009/09/23 13:15
S57	1	"6839788".pn.	US-PGPUB; USPAT	OR	ON	2009/09/23 13:17

S58	104551	(expand$4 or expansion or extend$4 or increas$4) near5 port	US-PGPUB; USPAT	OR	ON	2009/09/23 14:02
S59	125949	(storage or memory) adj2 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 14:03
S60	472	S59 same S58	US-PGPUB; USPAT	OR	ON	2009/09/23 14:03
S61	233	S33	US-PGPUB; USPAT	OR	ON	2009/09/23 14:03
S62	91	S60 and S32	US-PGPUB; USPAT	OR	ON	2009/09/23 14:03
S63	498	(virtual or logical) near2 (storage or memory) adj2 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 14:04
S64	1	S63 and S62	US-PGPUB; USPAT	OR	ON	2009/09/23 14:04
S65	5	S60.ab. and S32	US-PGPUB; USPAT	OR	ON	2009/09/23 14:04
S66	5	10/695887	US-PGPUB; USPAT	OR	ON	2009/09/23 14:11
S67	764	(connect$4 or attach$4) near4 (two or three or four or multiple or many or multitude or plural$4) near4 (storage or memory) adj2 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 14:34

S68	69	S67 and S58	US-PGPUB; USPAT	OR	ON	2009/09/23 14:34
S69	104551	S67 same 33and S58	US-PGPUB; USPAT	OR	ON	2009/09/23 14:34
S70	0	S67 same S63 and S58	US-PGPUB; USPAT	OR	ON	2009/09/23 14:34
S71	16	S68 and S32	US-PGPUB; USPAT	OR	ON	2009/09/23 14:35
S72	13971	711/1-6,111-114,202-203,209. ccls.	US-PGPUB; USPAT	OR	ON	2009/09/23 15:46
S73	46653	709/200,201-203,208-211,213- 216,223-226,229,245-246,248- 249.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/23 15:47
S74	580	710/2.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/23 15:48
S75	60530	S72 or S73 or S74	US-PGPUB; USPAT	OR	ON	2009/09/23 15:48
S76	9471	S75 and (expand$4 or connect $4 or extend$4 or increas$4 or expansion) near6 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 15:49
S77	3114	vlun or virtual near2 (lun or controller)	US-PGPUB; USPAT	OR	ON	2009/09/23 15:49
S78	318	S77 and S76	US-PGPUB; USPAT	OR	ON	2009/09/23 15:50
S79	5733	wwn or nodename or node adj1 name	US-PGPUB; USPAT	OR	ON	2009/09/23 15:50

S80	55	S78 and S79	US-PGPUB; USPAT	OR	ON	2009/09/23 15:50
S81	8209	(port or socket) near2 (expand $4 or connect$4 or extend$4 or increas$4 or expansion) near6 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 15:50
S82	299114	(port or socket) near2 (expand $4 or connect$4 or extend$4 or increas$4 or expansion)	US-PGPUB; USPAT	OR	ON	2009/09/23 15:50
S83	45	S80 and S82	US-PGPUB; USPAT	OR	ON	2009/09/23 15:51
S84	1288668	@rlad<="20021028"	US-PGPUB; USPAT	OR	ON	2009/09/23 15:51
S85	20	S83 and S84	US-PGPUB; USPAT	OR	ON	2009/09/23 15:51
S86	288092	(combin$4 or expand$4 or connect$4 or extend$4 or increas$4 or expansion) near6 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 15:54
S87	11485	S86 same S82	US-PGPUB; USPAT	OR	ON	2009/09/23 15:54
S88	281	S87 and S79	US-PGPUB; USPAT	OR	ON	2009/09/23 15:54
S89	51	S88 and S84	US-PGPUB; USPAT	OR	ON	2009/09/23 15:55

S90	29	S89 and S75	US-PGPUB; USPAT	OR	ON	2009/09/23 16:14
S91	5733	wwn or nodename or node adj1 name	US-PGPUB; USPAT	OR	ON	2009/09/23 16:40
S92	299114	(port or socket) near2 (expand $4 or connect$4 or extend$4 or increas$4 or expansion)	US-PGPUB; USPAT	OR	ON	2009/09/23 16:40
S93	1288668	@rlad<="20021028"	US-PGPUB; USPAT	OR	ON	2009/09/23 16:40
S94	288092	(combin$4 or expand$4 or connect$4 or extend$4 or increas$4 or expansion) near6 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 16:40
S95	11485	S94 same S92	US-PGPUB; USPAT	OR	ON	2009/09/23 16:40
S96	281	S95 and S91	US-PGPUB; USPAT	OR	ON	2009/09/23 16:40
S97	51	S96 and S93	US-PGPUB; USPAT	OR	ON	2009/09/23 16:40
S98	1	"6651154".pn.	US-PGPUB; USPAT	OR	ON	2009/09/23 17:12
S99	4271	(extend$4 or expand$4 or increas$4) near4 (number or sequence) near4 port	US-PGPUB; USPAT	OR	ON	2009/09/23 17:13
S100	145496	(disk or storage or raid or memory) adj2 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 17:13

S101	438	S100 and S99	US-PGPUB; USPAT	OR	ON	2009/09/23 17:13
S102	313	(creat$4 or generat$4) near4 (logical or virtual) adj3 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 17:13
S103	321	(expand$4 or creat$4 or generat $4) near4 (logical or virtual) adj3 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 17:14
S104	1	S103 and S101	US-PGPUB; USPAT	OR	ON	2009/09/23 17:14
S105	44	S100 same S99	US-PGPUB; USPAT	OR	ON	2009/09/23 17:14
S106	1	S105 and S93	US-PGPUB; USPAT	OR	ON	2009/09/23 17:14
S107	84	S101 and S93	US-PGPUB; USPAT	OR	ON	2009/09/23 17:14
S108	56	(S100.ab. and S99) or (S99.ab. and S100)	US-PGPUB; USPAT	OR	ON	2009/09/23 17:15
S109	6	S108 and S93	US-PGPUB; USPAT	OR	ON	2009/09/23 17:15
S110	12	S108 and (node adj1 name or nodename or wwn or wwnn)	US-PGPUB; USPAT	OR	ON	2009/09/23 18:07
S111	462	creat$4 near4 (virtual or logical) near4 controller	US-PGPUB; USPAT	OR	ON	2009/09/23 18:36
S112	33	creat$4 near4 (virtual or logical) near4 controller.ab.	US-PGPUB; USPAT	OR	ON	2009/09/23 18:36

S113	1288668	@rlad<="20021028"	US-PGPUB; USPAT	OR	ON	2009/09/23 18:37
S114	2	S113 and S112	US-PGPUB; USPAT	OR	ON	2009/09/23 18:37
S115	82	S113 and S111	US-PGPUB; USPAT	OR	ON	2009/09/23 18:38
S116	7	S115 and (updat$4 or renumber $4 or sequenc$4 or resequenc $4) near3 (port or socket)	US-PGPUB; USPAT	OR	ON	2009/09/23 18:38

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28249	709/200,201-203,208-211,213-216,223-226,229,245-246,248-249. ccls.	USPAT; UPAD	OR	ON	2010/02/15 10:58
L2	51766	709/200,201-203,208-211,213-216,223-226,229,245-246,248-249. ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/15 10:58
L3	15038	711/1-6,111-114,202-203,209.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/15 10:58
L4	526	710/2.ccls.	USPAT; UPAD	OR	ON	2010/02/15 10:59
L5	66601	2 or 3 or 4	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/15 11:01

2/15/10 11:32:06 AM

C:\Documents and Settings\anawaz\My Documents\EAST\Workspaces\10695887.wsp